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<b>Substitute for form 1449/PTO</b> (Modified by BSTZ 6/30/99)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	09/608,996
				<b>Filing Date</b>	6/30/2000
				<b>First Named Inventor</b>	Robert W. Faber et al.
				<b>Group Art Unit</b>	2766
				<b>Examiner Name</b>	Unassigned
<b>Sheet</b>	1	<b>of</b>	1	<b>Attorney Docket Number</b>	42390.P8384X

U.S. PATENT DOCUMENTS					
Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
		Number			

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
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OTHER DOCUMENTS			
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BH	SCHNEIER, BRUCE; "Applied Cryptography, Second Edition, Protocols, Algorithms, and Source		
	Code in C"; John Wiley & Sons, Inc.; Copyright 1996; Chapters 2-6 and 12-17.		

<b>Examiner Signature</b> Branda Hoff	<b>Date Considered</b> 11-7-03
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PTO/SB/08A (10-96)

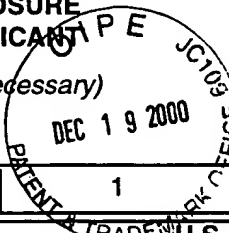
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<i>Complete if Known</i>	
		Application Number	09/608,996
		Filing Date	June 30, 2000
		First Named Inventor	Robert W. Faber et al.
		Group Art Unit	2766
Examiner Name	Unassigned	Technology Center 2100	
Attorney Docket Number	42390.P8384X		
Sheet	1	of	1



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U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
BH	5,852,472	Prasad et al.	12/22/1998	9/28/1995

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
BH	PCT	WO 99/19822	9/16/1998	Microsoft Corporation	4/22/1999	

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
BH	Search Report for PCT/US 00/22834, mailed December 4, 2000, 2 pages.	

Examiner Signature	<i>Branda N. H.</i>	Date Considered	11-7-03
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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U.S. PATENT & TRADEMARK OFFICE

**Complete if Known**

Application Number	09/608,996
Filing Date	June 30, 2000
First Named Inventor	Robert W. Faber et al.
Group Art Unit	2766
Examiner Name	Unassigned
Attorney Docket Number	42390.P8384X

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials *	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
	Office or Country	Number			
BA		4,953,208	Ideno	8/28/1990	12/11/1989
BA		5,621,799	Katta et al.	4/15/1997	10/19/1994

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			
BA	PCT	WO 99/18729		Canal+Societe Anonyme (Fr/Fr)	4/15/1999	

**OTHER DOCUMENTS**

Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
BA	Search Report for PCT/US 00/22785, mailed 12/6/2000, 2 pages.	

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Signature *Brandon Hall*

Date  
Considered 11-7-03

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 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99)  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Complete if Known	
		Application Number	09/608,996
		Filing Date	6/30/00
		First Named Inventor	Robert W. Faber et al.
		Group Art Unit	2766
		Examiner Name	Unassigned
Sheet 1 of 1	Attorney Docket Number	42390.P8384X	

U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
BA	5,940,509	Jovanovich et al.	8/17/1999	11/18/1997

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FOREIGN PATENT DOCUMENTS							
Examiner Initials *		Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
		Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
BA	Written Opinion for PCT/US00/22834; 1 page.	

Examiner Signature	<i>Branda High</i>	Date Considered	1-7-03
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Substitute for form 1449A/PTO (Modified by BSTZ 6/30/99)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		JUL 30 2001 U.S. PATENT & TRADEMARK OFFICE		Complete if Known	
		Application Number		09/608,996	
		Filing Date		6/30/2000	
		First Named Inventor		Robert W. Faber et al.	
		Group Art Unit		2766	
		Examiner Name		Unassigned	
Sheet	1	of	1	Attorney Docket Number	42390.P8384X

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U.S. PATENT DOCUMENTS				
Examiner Initials *	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Filing Date if Appropriate
BA	5,590,194	Ryan	12/31/1996	8/9/1994
BA	5,825,879	Davis	10/20/1998	9/30/1996
BA	5,862,150	Lavelle et al.	1/19/1999	10/28/1997
BA	6,005,940	Kulinets	12/21/1999	5/16/1997
BA	6,167,136	Chou	12/26/2000	5/16/1997

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation? Yes/No
	Office or Country	Number	Date			

OTHER DOCUMENTS		
Examiner Initials *	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published (if known).	Translation? Yes/No
BA	Written Opinion for PCT/US/00/22785; 1 page.	

Examiner Signature <i>Bradley Hoffer</i>	Date Considered 11-7-03
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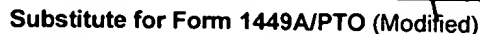
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<b>US Department of Commerce</b> <b>Patent and Trademark Office</b>		<b>Atty. Docket No.:</b> 42390P8384X		<b>Application No.:</b> 09/608,996		
<b>Form PTO-1449 (Modified)</b>		<b>Applicant:</b> Faber et al.				
		<b>Filing Date:</b> June 30, 2000				
<b>US Patent Documents</b>						
<b>Examiner's Initials</b>	<b>Date</b>	<b>Document Number</b>	<b>Name</b>	<b>Class</b>	<b>Sub- Class</b>	<b>Filing Date</b>
B/A	04/16/96	5,509,073	Monnin			11/26/93
B/A	03/16/93	5,195,136	Hardy et al.			09/30/91
B/A	02/16/82	4,316,055	Feistel			12/30/76
B/A	09/23/86	4,613,901	Gilhousen et al.			05/27/83
B/H	09/30/97	5,673,319	Bellare et al.			02/06/95
B/A	05/28/91	5,020,106	Rabold et al. .			02/08/90
B/A	05/09/00	6,061,449	Candelore et al.			10/10/97
<b>Foreign Patent Documents</b>						
<b>Examiner's Initials</b>	<b>Date</b>	<b>Document Number</b>	<b>Country</b>	<b>Class</b>	<b>Sub- Class</b>	<b>Translation</b>
B/A	03/08/01	WO 01-17251	PCT			Yes
B/A	02/29/96	WO 96-06504	PCT			Yes
B/A	02/11/93	EP 0 599 366	European			Yes
<b>Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)</b>						
B/A	International Preliminary Examination Report PCT/US00/22834. 6 Pages. Mailed 11-19-2001					
B/A	Internation Preliminary Examination Report PCT/US00/22785. 7 Pages. Mailed 11-5-2001.					
<b>Examiner</b>			<b>Date Considered</b>			
<i>Branch 9/1/00</i>			11-7-03			

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Complete if Known**

Application Number	09/608,996
Filing Date	June 30, 2000
First Named Inventor:	Robert W. Faber et al.
Group Art Unit	2766
Confirmation Number	1672
Attorney Docket Number	42390.P8384X

Sheet	1	of	1
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### OTHER ART – NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
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812	Wesley Publishing Company, Inc., Reading, Massachusetts; Addison-Wesley, Menlo Park, California; London; Amsterdam; Don Mills, Ontario; Sydney, pgs. 30-31.
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Examiner Signature	Branda R. [Signature]	Date Considered	11-7-03
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<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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